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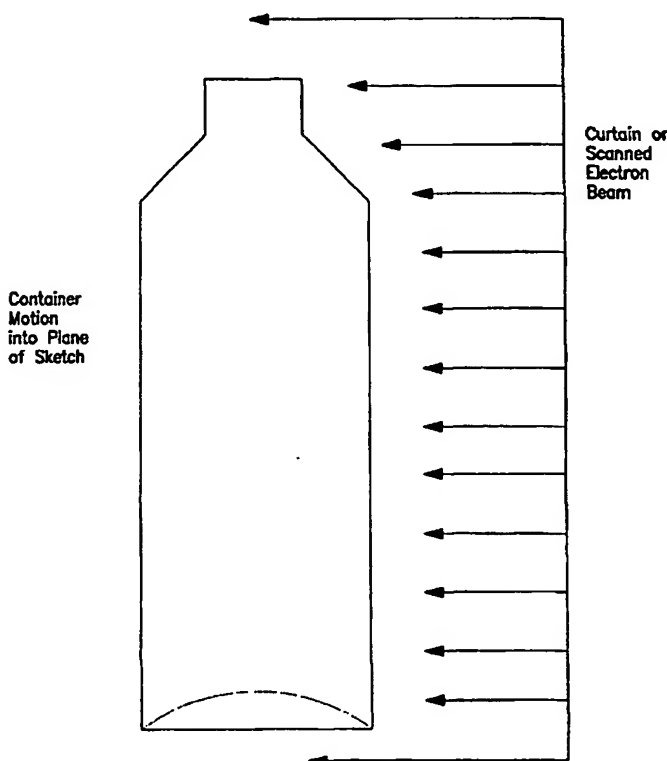
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(71) Applicant (for all designated States except US): **ELEC-TRON PROCESSING SYSTEMS, INC.** [US/US]; P.O. Box 37, North Billerica, MA 01862 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **PROCESS FOR ELECTRON STERILIZATION OF A CONTAINER**



Unilateral Sterilization Geometry for Fluid Containers

(57) Abstract: Minimum electron energy is used for the sterilization of preformed containers in order to minimize the machinery size, cost and radiation shielding required for in-line use. The electron energy required is reduced by the use of one-sided (unilateral) irradiation wherein the dose delivered by the primary radiation to thicker portions of the containers is supplemented by the dose delivered by scattered electrons.



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